

ABSTRACT OF THE DISCLOSURE

[0031] An assembly includes a platform for supporting and moving a tire along therealong. A light emitter of a first detection assembly transmits a first signal from emitter around the tire in to determine the height of the tire. A light receiver of the first
5 detection assembly receives the transmitted first signal passed around the tire and forwards the first signal to a controller for evaluating the first signal and for determining a first configuration of the tire. A light emitter of a second detection assembly transmits a second signal around the tire in the direction transverse to the direction of the first signal. A light receiver of the second detection assembly receives the transmitted second
10 signal. The second detection assembly is operably connected to the controller. The controller integrates the first and second signals for determining a third configuration of the part thereby identifying the part being evaluated.